

What is claimed is:

[1] An electrical connector comprising a main housing and a cooperating housing each having connecting terminals installed therein, said connecting terminals being connected to each other by engaging these housings with each other, characterized in that a rear holder is coupled with a rear portion of the main housing to prevent the connecting terminals installed therein from being removed backwardly, that a locking arm having a resiliency is provided on the rear holder such that a free end of said locking arm extends forwardly, said locking arm being locked with a locking portion of the cooperating housing and said free end of the locking arm is inserted into a part of said main housing, and that a locking claw is provided on the locking arm at a middle portion thereof such that the locking claw is engaged with the locking portion of the cooperating housing.

[2] The electrical connector according to claim 1, wherein said rear holder includes locking lances for preventing the connecting terminals from being removed from the main housing.

[3] The electrical connector according to claim 1, wherein said free end of the locking arm is engaged with the main housing by inserting the free end into a hole portion formed in the main housing.

[4] The electrical connector according to claim 1, wherein a lock-releasing push portion is provided on said main housing, and the engagement of the main housing and cooperating housing is released by pushing said lock-releasing push portion downward to deform said locking arm such that said locking claw is moved downward.

[5] The electrical connector according to claim 1, wherein the engagement of said locking claw of the locking arm and said locking portion of the cooperating housing is confirmed by

inserting the rear holder with a large force.

[6] The electrical connector according to claim 1, wherein a projecting portion is formed at a rear end of said locking arm and a lock-releasing push portion is formed on the main housing, and the engagement of said locking claw of the locking arm with said locking portion of the cooperating housing is confirmed by a click noise, which is generated by hitting the lock-releasing push portion of the main housing with a recovering movement of said projecting portion of the locking arm after once being moved downward.